



Become a leader in **multimodal transportation** systems and creative approaches to moving people and goods through and within Carlsbad.

Team Lead Craig Williams, Public Works

Team Members Doug Bilse, Elaine Lukey, Dave de Cordova, Marshall Plantz

Strategy #1 **Improve Traffic Signal Effectiveness and Mobility on Existing Roadways**

Traffic Signal Effectiveness

Install fiber optic capabilities in traffic signal system, implement a pilot project to evaluate an adaptive traffic signal control program to ease traffic congestion, upgrade traffic signal technology in preparation for autonomous and connected vehicles and implement a traffic measurement system to monitor traffic conditions. This will be completed by December 2016 and the estimated budget is \$1.2 million.

Multimodal Mobility Improvements

Implement the Mobility Element of the General Plan, including updating the Traffic Impact Analysis and Traffic Impact Fee programs, develop a program to increase bike lane mileage and reduce sidewalk and trail gaps, identifying mobility hubs and establishing a plan to improve city bus stops. These projects will be completed by December 2017 with a budget of \$500,000.

Strategy #2 **Collaborate with Regional Partners to Improve Transportation in Carlsbad**

Improve connections to transit and transit alternatives

Work with private and public transport providers to improve 'first and last mile' connections and frequency of transit services (i.e. private shuttle, Uber, Lyft, etc.). Analyze the potential of a trolley service in Carlsbad. This will be complete by May 2017 and has an estimated budget of \$200,000.

Partnering to Improve Transportation Options

Work with state and regional agencies to strengthen involvement in major regional transportation projects through outreach, monitoring, reporting and policy action. Major regional projects include the Airport Master Plan, North Coast Corridor/I-5 Widening, I-5/SR 78 Interchange, Coastal Rail Trail and Buena Vista Lagoon reconfiguration. This program will be ongoing and the estimated budget is \$100,000.

Strategy #3

Improve Transportation Sustainability to Meet Climate Action Plan Goals

Lead efforts to decrease Vehicle Miles Traveled (VMT), thereby decreasing greenhouse gas emissions.

Implement a Transportation Demand Management Program (TDM), partner on adding electric vehicle charging stations, implement state VMT guidelines for CEQA projects and initiate a Sustainable Mobility Plan that compiles existing transportation plans and delivering a comprehensive active transportation plan. These efforts will be completed by December 2017 and the estimated budget is \$500,000.